

**Drain:** OAK TREE DRAIN **Drain #:** 209  
**Improvement/Arm:** OAK TREE - SECTION 1  
**Operator:** JDH **Date:** 3-22-04  
**Drain Classification:** Urban/Rural **Year Installed:** 1985

### GIS Drain Input Checklist

- Pull Source Documents for Scanning JDH 3-22
- Digitize & Attribute Tile Drains N/A
- Digitize & Attribute Storm Drains JDH 3-23
- Digitize & Attribute SSD JDH 3-23
- Digitize & Attribute Open Ditch N/A
- Stamp Plans JDH 3-23
- Sum drain lengths & Validate JDH 3-23
- Enter Improvements into Posse JDH 3-23
- Enter Drain Age into Posse JDH 3-30
- Sum drain length for Watershed in Posse JDH 3-30
- Check Database entries for errors JDH 3-23





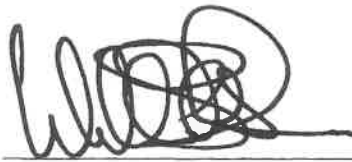




OAK TREE

The breakdown of development costs are as follows:

1. Streets, curbs, paving, clearing, grading cut  
and fill \$ 66,263.00
2. Storm drainage and subsurface drainage on  
and off site \$ 26,942.00



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WILLIAM B. OLSEN, Vice President  
OAK TREE DEVELOPMENT CORP.

GUARD CASUALTY & SURETY INSURANCE COMPANY  
Indianapolis, Indiana

SUBDIVISION BOND

SP 8299

KNOW ALL MEN BY THESE PRESENTS: That We, the undersigned,  
OAK TREE DEVELOPMENT CORPORATION, Hamilton County, Indiana

as Principal, and GUARD CASUALTY & SURETY INSURANCE COMPANY, as Surety, are held and firmly bound unto Board of County Commissioners, Hamilton County, Noblesville, Indiana, in the penal sum of TWENTY-SIX THOUSAND, NINE HUNDRED FORTY-TWO and no/100----- DOLLARS (\$ 26,942.00), for the payment of which well and truly to be made, we bind ourselves, our heirs, executors, administrators and assigns.

SEALED AND DATED THIS 28th DAY OF March, 19 85.

THE CONDITIONS OF THE ABOVE OBLIGATION ARE SUCH THAT:

WHEREAS, Storm Sewer Improvements - Oak Tree Development, per plans  
and specifications.

have not been improved as required by the regulations of said Obligee

NOW, THEREFORE, if said Principal  
shall construct said Storm Sewer Improvements

according to specifications and regulations of the Obligee  
and comply with all the provisions of the ordinances, rules and regulations of said Obligee, in relation to the mode, manner or form in which said work shall be done, and shall pay and save Obligee, against loss or damage which may arise by reason of delay in completion of said work, by reason of the manner in which said work is done or the quality of the materials furnished being in violation of the requirements of any law of the State of Indiana, or any ordinance of the Obligee, controlling such work, then this obligation to be void; otherwise to be and remain in full force and effect.

OAK TREE DEVELOPMENT CORPORATION

By: \_\_\_\_\_

GUARD CASUALTY & SURETY INSURANCE COMPANY

By: J.R. Morford

J.R. Morford, Attorney-in-fact

GCSI FORM No. 172

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR

RE: OAKTREE DRAIN

I hereby certify that:

- 1.) I am a Registered Land Surveyor in the State of Indiana,
- 2.) I am familiar with the plans and specifications for the above referenced subdivision,
- 3.) I have personally observed and supervised the completion of the Drainage Facilities for the above referenced subdivision, and
- 4.) To the best of my knowledge, information and belief, the Drainage Facilities within the subdivision has been installed and completed in conformity with all plans and specifications.

Signature: Allan H. Weihe

Date: Aug 12, 1985

Type or Printed Name: Allan H. Weihe

Business Address: 10505 N. College Ave., Indianapolis, Indiana 46280

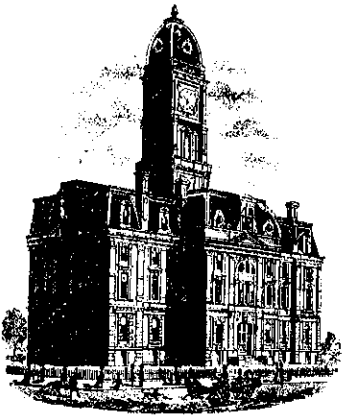
Telephone: (317)846-6611

INDIANA REGISTRATION NUMBER

10398

SEAL





SURVEYOR'S OFFICE

# Hamilton County

Kenton C. Ward, Surveyor

776-9626

Noblesville, Ind. 46060 August 26, 1985

To: Hamilton County Drainage Board

Re: Oak Tree Drain

On July 2, 1985 I made the final inspection of the Oak Tree Drain. At this time I found the storm drainage system to be complete and acceptable. Attached is an as-built drawing of the system along with a certificate of completion and compliance.

The changes on the final product are as follows:

1. Curbs were installed, thus curb inlets replaced metal end sections on Oak Tree Way.
2. Inlets were installed at 116th and Oak Tree Way and at the North West corner of lot 3. Sixty feet of additional 6" pipe was installed at the intersection.
3. The 6" existing field tile was attached to the new 8" tile on the North line of lot 6. This abandoned the existing tile North of lot 6.

4. New lengths are:

8" tile-----	1940 ft
10" CMP -----	20 ft
18" RCP -----	44 ft
24" RCP -----	225 ft
8" CMP -----	20 ft
6" tile-----	1120 ft (existing field tile) (760)
6" SSD -----	1745 ft <i>W</i>

The total length of drain is----- ~~4872~~ feet  
5,114

I recommend to the Board that the drain be accepted and the non-enforcement of easement be approved.

*Kenton C. Ward*  
Kenton C. Ward, Surveyor

FILED

SEP 9 1985

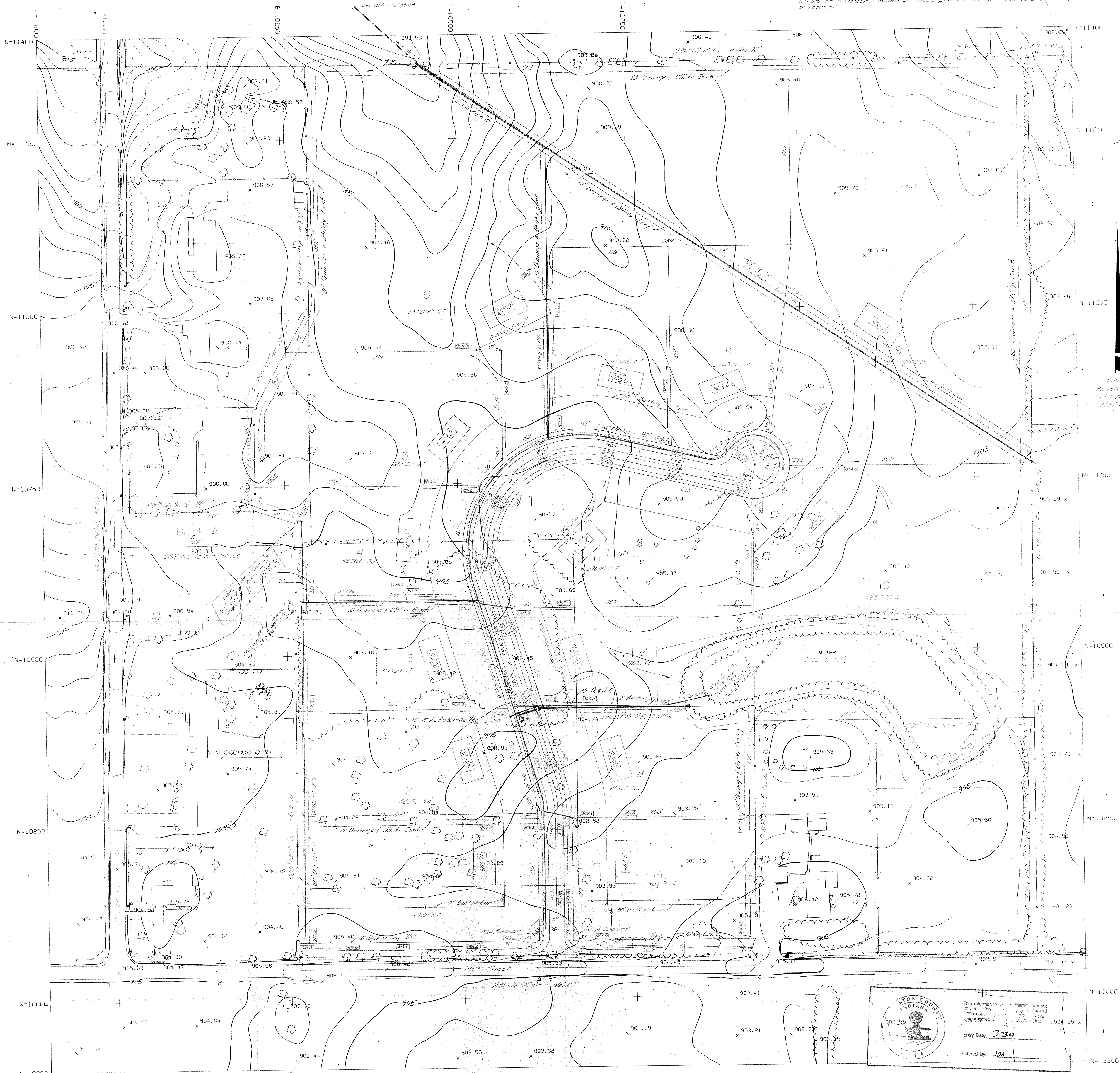
HAMILTON COUNTY DRAINAGE BOARD

*Mary Ellen Oldham*  
SECRETARY



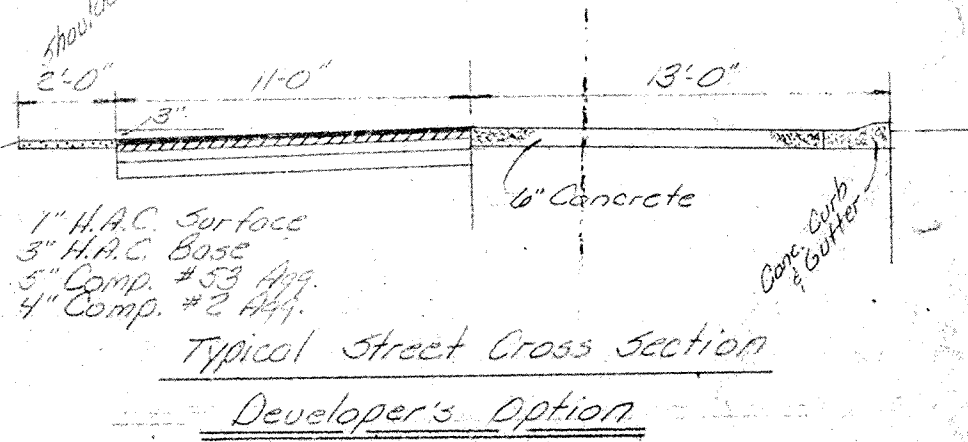
# OAK TREE

GENERAL NOTES:  
 1. All fill material will be placed over absorption field. Natural ground line to remain.  
 2. All finish grading above in area of absorption field to be done with light equipment.  
 3. No construction traffic to be allowed in area of absorption field.  
 4. It shall be the responsibility of each contractor to verify all existing utilities and conditions pertaining to his phase of the work. It shall also be the contractor's responsibility to confirm the owners of the various utilities before work is started. The contractor shall notify the owners of any changes, errors or omissions found on these plans or in the field before work is started or resumed.

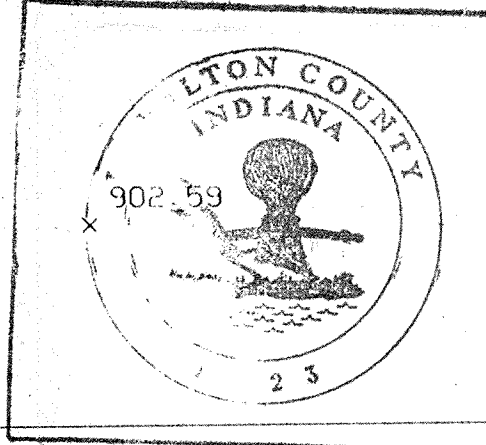


Scale 1\"/>

T&E - Singl. Blvd. P&P 25-127-A  
 (N.E. Co. 104th & Shelburne)  
 S.E. 1/4 Sec. 21  
 T.B. N. & 114th Street & Shelburne  
 Road (South) - 105.75 Elev.  
 1205ND  
 Proposed Storm Sewer  
 Proposed Drains  
 Proposed Elevations  
 Proposed House Pad Grade



Prepared for  
 Oak Tree Development, Corp.  
 Carmel, IN



This information was prepared for input into the Automated Geographical Information System (AGIS) on 08/25/94 at the office of the  
 Entry Date: 3-23-94  
 Entered by: JCH

SHEET 1 of 2

REVISIONS	DATE	BY	JOB NO.
			94-1265
			DRAWN BY
			CHECKED BY
			DATE
			07/19/94

**WEIHE ENGINEERS INC.**  
 10505 NORTH COLLEGE AVENUE  
 INDIANAPOLIS, INDIANA 46280  
 (317) 846-6611

ALLAN H. WEIHE, P.E., L.S.  
 PRESIDENT

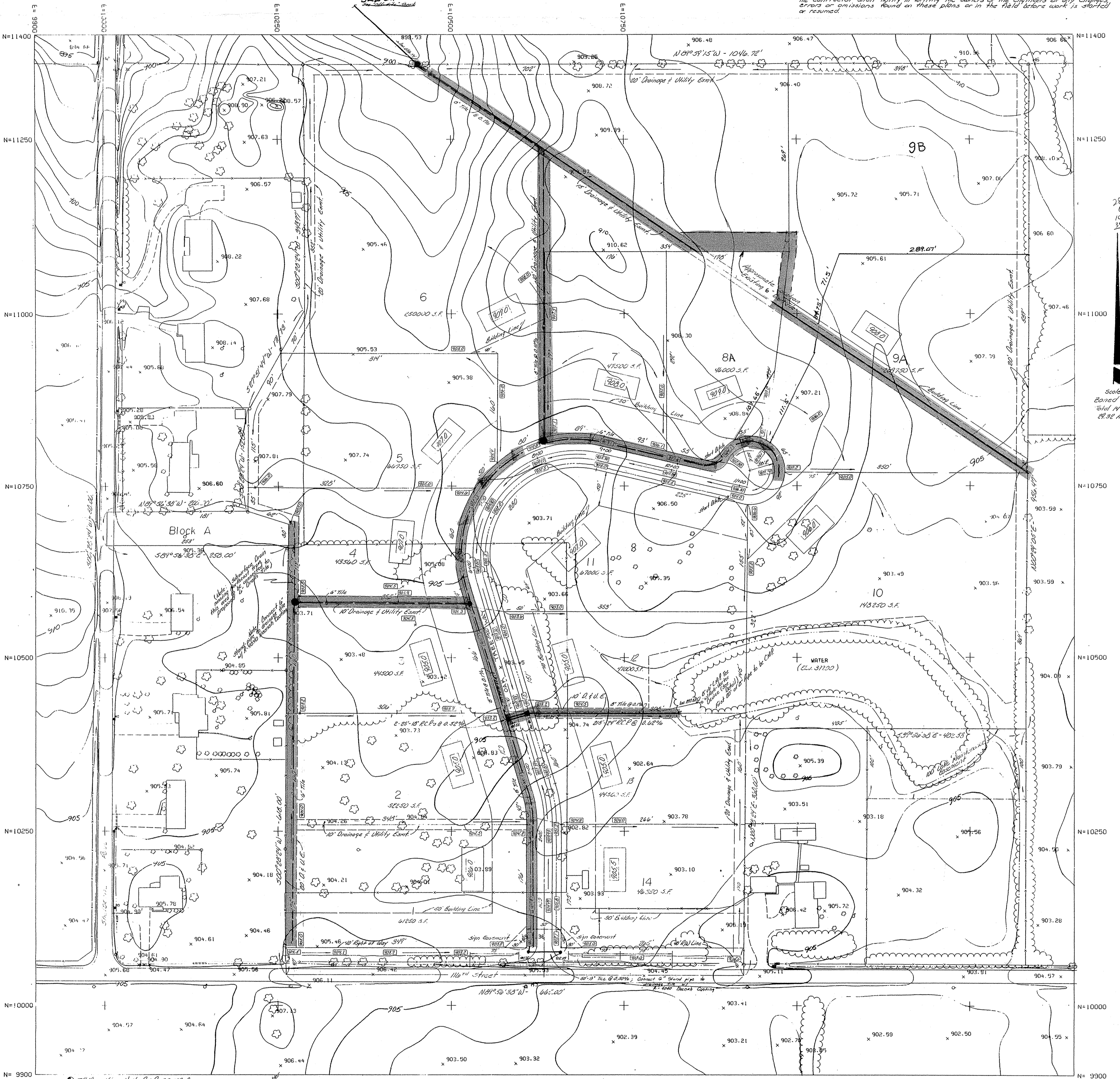
CIVIL ENGINEERS    LAND SURVEYORS    LAND PLANNERS



# OAK TREE

**GENERAL NOTES:**  
 1. All soil material will be placed over absorption field. Natural ground line to remain.  
 2. Any finish grading done in area of absorption field will be done with light equipment.  
 3. All construction materials to be placed in area of absorption field.  
 4. It shall be the responsibility of each contractor to verify all existing utilities and conditions pertaining to his phase of the work. It shall also be the contractor's responsibility to contact the owners of the various utilities before work is started. The contractor shall notify the owners of the engineers of any changes or omissions found on these plans or in the field before work is started or resumed.

SEE SHEET 2



Scale 1"=50'  
 Based 5-1  
 6411 N. Lots  
 89.32 Acres

TEAM - Sing Hill Road 25-109-A  
 (N.E. 1/4, 2nd & 3rd Blocks)  
 Elevation: 900.00  
 1/2" = 10' Street & Sidewalk  
 1/4" = 10' Street & Sidewalk  
 1/8" = 10' Street & Sidewalk

**LEGEND**  
 Proposed Storm Sewer  
 Proposed Drains  
 Proposed House Footings  
 Proposed House Footings

1" N.A.C. Surface  
 5" N.A.C. Storm Sewer  
 4" Comp. #2 Pipe  
 Typical Street Cross Section  
 Developer's Option

One Foot Contour Lines Shown

Prepared For:  
 Oak Tree Development, Corp.  
 Carmel, IN

REVISIONS  
 DATE  
 DRAWN BY  
 CHECKED BY  
 DATE

**WEIHE ENGINEERS INC.**  
 10505 NORTH COLLEGE AVENUE  
 INDIANAPOLIS, INDIANA 46280  
 (317) 846-6611

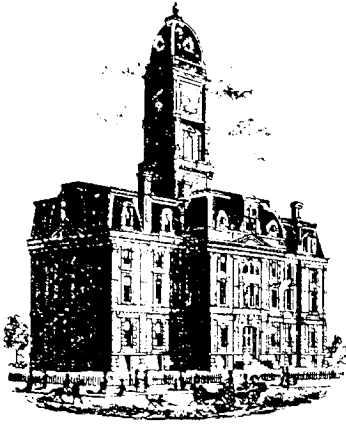
ALLAN H. WEIHE, P.E., L.S.  
 PRESIDENT

CIVIL ENGINEERS LAND SURVEYORS LAND PLANNERS

This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.

Entry Date: 3-23-04

Entered by: JAH



Kenton C. Ward, CFM  
Surveyor of Hamilton County  
Phone (317) 776-8495  
Fax (317) 776-9628

Suite 188  
One Hamilton County Square  
Noblesville, Indiana 46060-2230

### *Map Correction-Field Verification*

Drain Number: #77 J.W. Brendle

Drain Length: 4067

Drain Name: Oak Tree - Section 1

Change +/-: +43

Date: 5-26-09

New Length: 4110

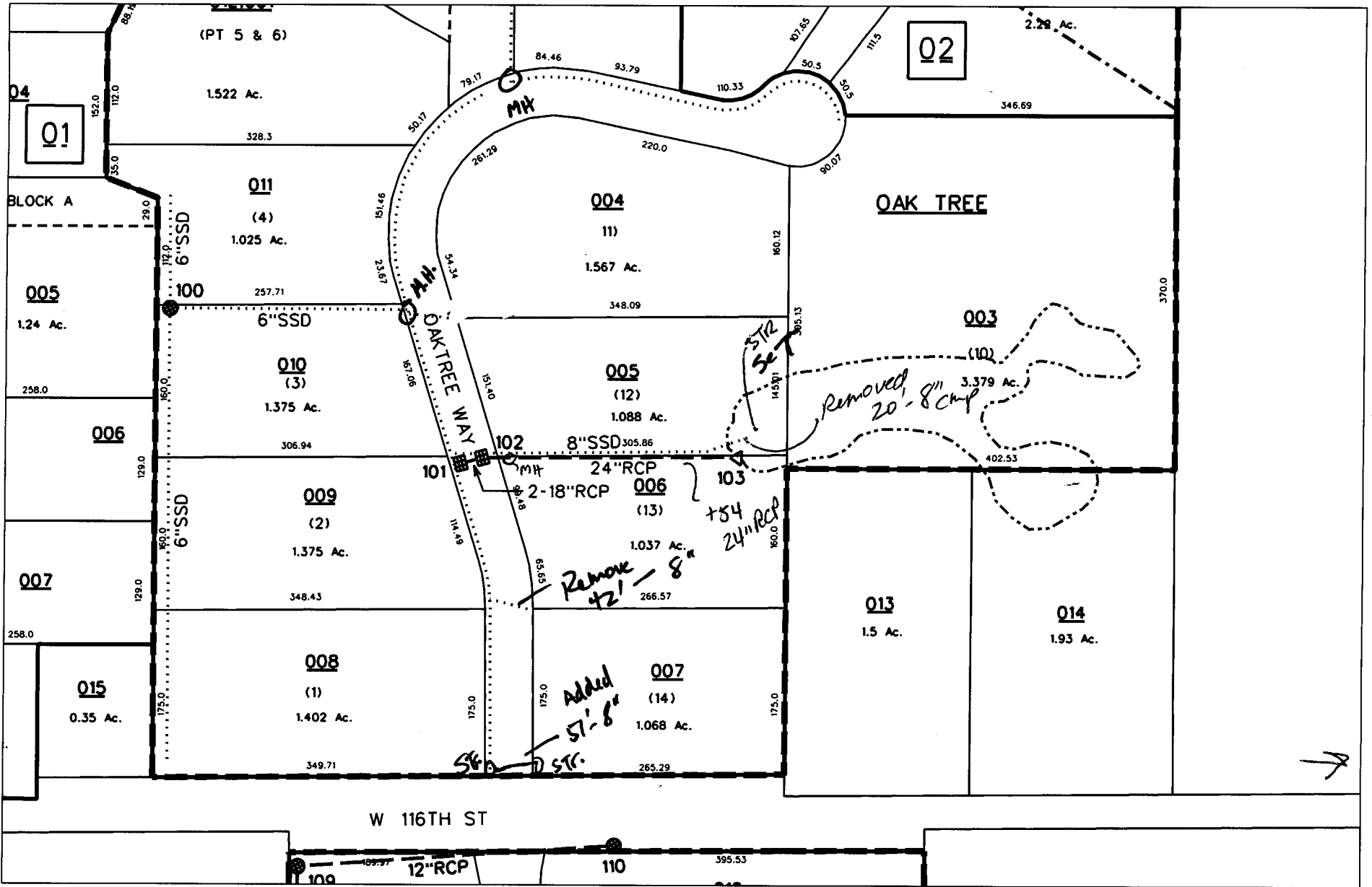
Verified By: SLM/SAB (WD-2008-00186)

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Notes & Sketch:

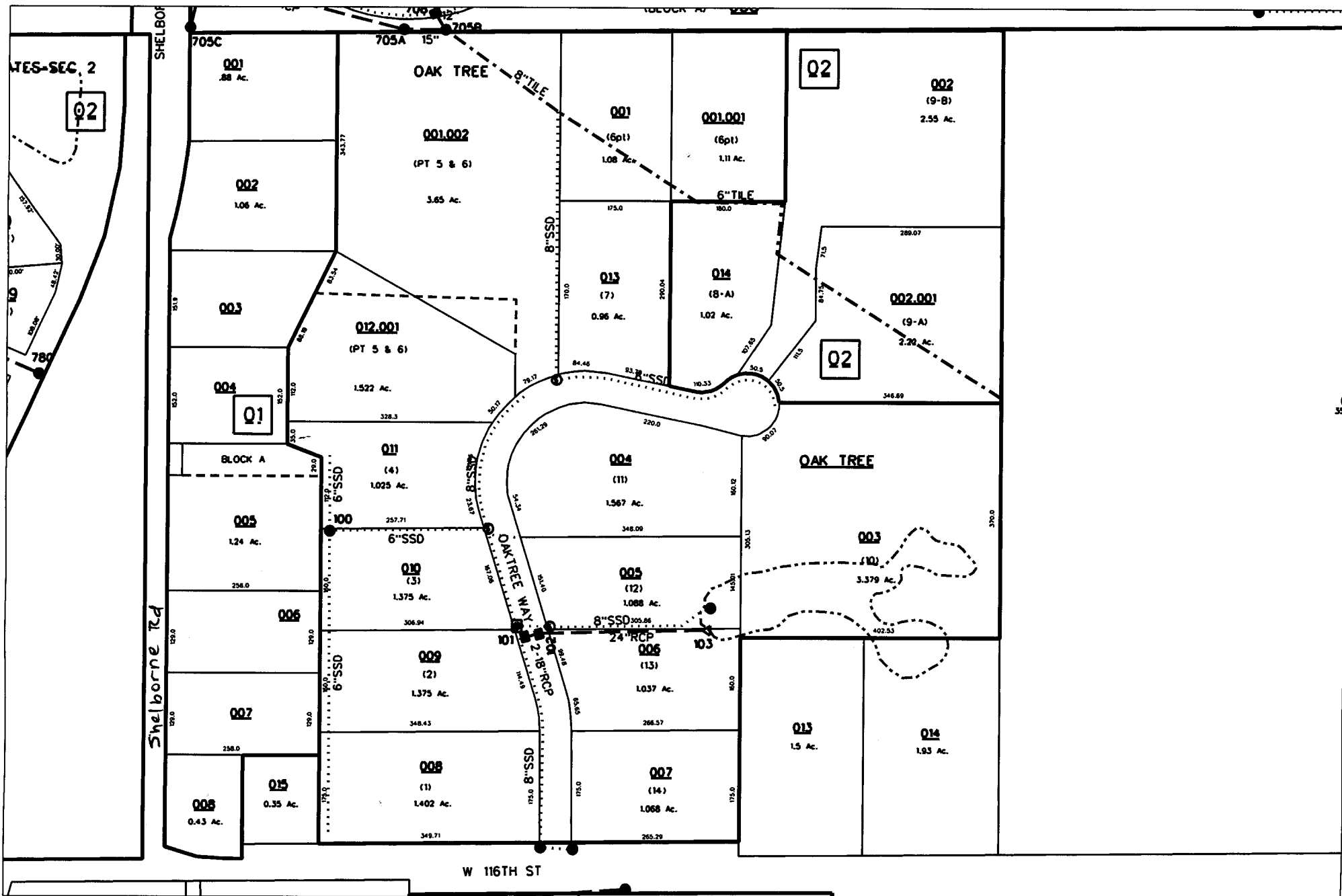
STRUCTURE was reset & cleaned that serves as the outlet for the pond. At that time it was discovered that the map did not correctly reflect what was in the field. Those changes are noted on the attached map.

Suzanne L. Mills  
GIS Specialist

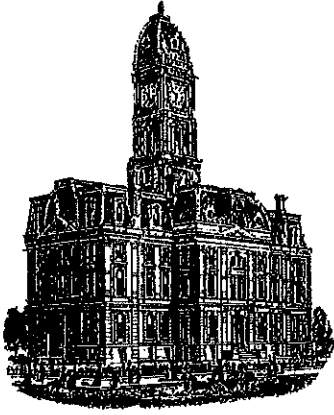


work.dgn 11/14/2008 4:21:53 PM

*Changes*



sub\_rg\_drn.dgn 5/29/2009 1:30:38 PM



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Surveyor of Hamilton County  
Phone (317) 776-8495  
Fax (317) 776-9628

Suite 188  
One Hamilton County Square  
Noblesville, Indiana 46060-2230

### *Map Correction-Field Verification*

**Drain Number:** 331

**Drain Length:** 4110

**Drain Name:** Oak Tree

**Change +/- :** -928

**Date:** 10-28-2016

**New Length:** 3182

**Verified By:** Steve Baitz, Brian Rayl – WO-2015-00339

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**Notes & Sketch:** See attached maps and documents.

The work in Oak Tree involved replacing 236 feet of 8" Tile and 430 feet of 8" SSD with 644 feet of 12" SDR 35 Plastic pipe. This was done across lots 5, 6, and 7. Also, during the work and investigation performed of this drain it was also discovered that the 6" tile running across lots 6, 7, 8A and 9A was never installed. The developer, who currently lives in the subdivision verified this information.

**Suzanne L. Mills**  
GIS Specialist

10	1715761	173192.6	904.458	prop.corner
1001	1716304	173011.5	894.323	8"reducer_rcp
1002	1716303	173011.2	895.167	rcp15in_inv
1003	1716303	173011.5	895.062	pvc12in_inv
1004	1716305	173011.9	899.706	mh_storm_Nrim
1005	1716172	173193	907.17	mh_storm_Nrim
1006	1716172	173192.2	895.599	pvc12in_inv
1007	1716171	173193.1	895.596	pvc12in_inv
1008	1715757	173192.9	897.099	pvc12in_inv 8" plastic per Brian Rayl
1009	1715758	173194.2	896.984	pvc12in_inv
1010	1715758	173193.7	904.94	inlt



**J.W. Brendel #77 Contractor's Itemized Claim**

Drain: OAK TREE Arm

Work Order No: 2015-00339

Issue Date: 8/25/15

Completed Date: 12/03/15

Drain Classification: Urban

Quantity:	Item:	Price Per Unit:	Cost:
12	hrs backhoe	55.00	660.00
102	hrs truck	25.00	2,550.00
7	hrs s/a dump truck	45.00	315.00
1	day air compressor	50.00	50.00
2	hrs bobcat	40.00	80.00
140	hrs excavator	85.00	11,900.00
154	hrs operator	33.00	5,082.00
58	hrs labor	29.00	1,682.00
644'	12" SDR 35 PVC	9.70	6,246.80
39	bags concrete mix	6.00	234.00
67	tons #8 stone	24.35	1,631.45
24'	6" plastic	1.30	31.20
3	6" insert couplings	3.15	9.45
12	concrete bricks	.50	6.00
4'	8" plastic	2.50	10.00
2	8" plastic insert couplings	5.15	10.30
44'	8" PVC	4.30	189.20
12'	6" PVC	2.40	28.80
1	12" PVC 45 bend	135.00	135.00
1	EJ #1022 manhole cover	288.00	288.00
1	6" build-up	40.00	40.00
1	8" PVC repair coupling	28.50	28.50
20'	1" plastic water line	.35	7.00
2	1" insert couplings	.50	1.00
8	1" clamps	.95	7.60
1	roll #14 THHN (dog fence wire)	31.97 + 2.24	34.21
2	pre-cast manholes	1,058.50 + 795.45	1,853.95

Total Cost: 33,111.46

For Contractor's Comments See Contractor's Log Sheet.

Signature: John Ward construction, Inc. Date: 12/14/15

Removed- Replaced w/ 12" SDR35




Subdivision\_drain  
OAK TREE DRAIN

OBJECTID	7138
Shape_Length	422.6233
PRI_WTRSHD	LONG BRANCH DRAIN
DRAIN_NUM	331
NAME	OAK TREE DRAIN
ARM	OAK TREE - SECTION 1
DRAIN_TYPE	SSD
INST_DATE	1985
DRAIN_LENGTH	430
DRAIN_DIA_OR_WIDTH	8
DRAIN_HEIGHT	<Null>
MATERIAL	SSD
SHAPE_1	ROUND
NUM_OF_ROWS	1
UP_INVERT	<Null>
DOWN_INVERT	<Null>
BEG_STA	<Null>
END_STA	<Null>
GRADE	<Null>
DRAIN_CLASSIFICATION	URBAN

REMOVED - Replaced w/ 12" SDR 35

Attributes ? x



Subdivision\_drain  
OAK TREE DRAIN

OBJECTID	10092
Shape_Length	218.360385
PRI_WTRSHD	LONG BRANCH DRAIN
DRAIN_NUM	331
NAME	OAK TREE DRAIN
ARM	OAK TREE - SECTION 1
DRAIN_TYPE	CLOSED DRAIN
INST_DATE	1985
DRAIN_LENGTH	236
DRAIN_DIA_OR_WIDTH	8
DRAIN_HEIGHT	<Null>
MATERIAL	TILE
SHAPE_1	ROUND
NUM_OF_ROWS	1
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DOWN_INVERT	<Null>
BEG_STA	<Null>
END_STA	<Null>
GRADE	<Null>
DRAIN_CLASSIFICATION	URBAN



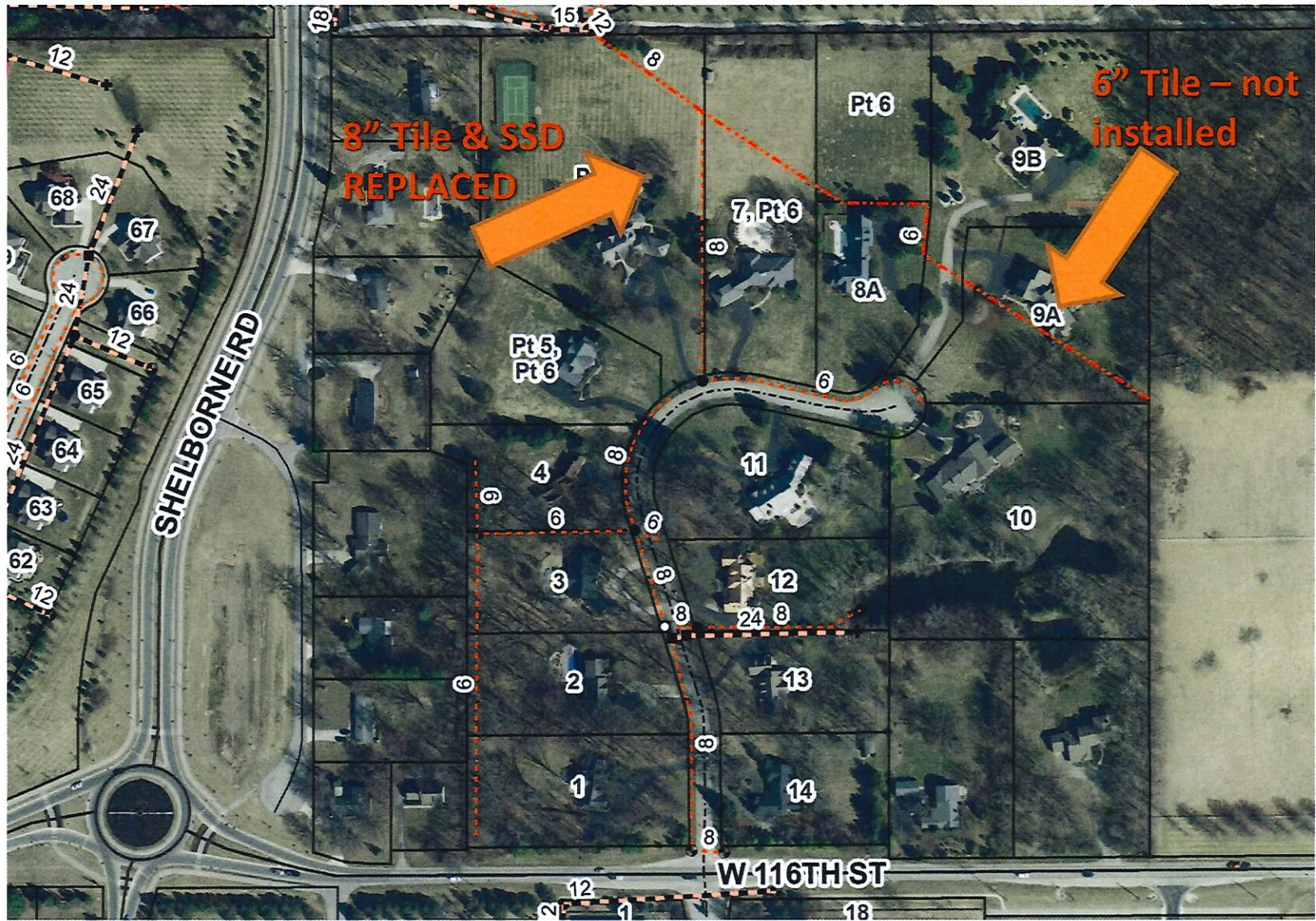
Removed - NOT Installed

Attributes ✕

Subdivision\_drain  
OAK TREE DRAIN

OBJECTID	10093
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PRI_WTRSHD	LONG BRANCH DRAIN
DRAIN_NUM	331
NAME	OAK TREE DRAIN
ARM	OAK TREE - SECTION 1
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INST_DATE	1985
DRAIN_LENGTH	906
DRAIN_DIA_OR_WIDTH	6
DRAIN_HEIGHT	<Null>
MATERIAL	TILE
SHAPE_1	ROUND
NUM_OF_ROWS	1
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END_STA	<Null>
GRADE	<Null>
DRAIN_CLASSIFICATION	URBAN





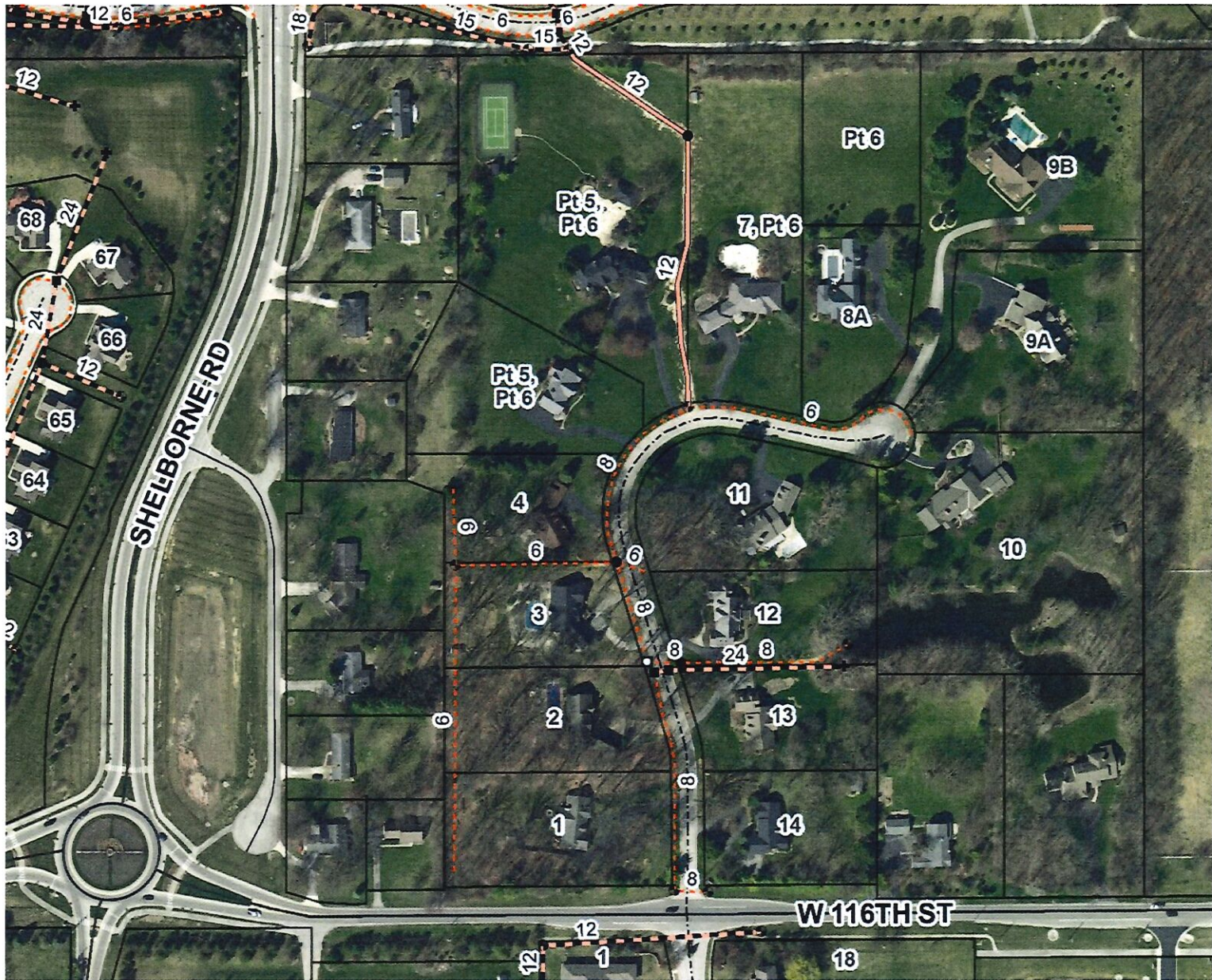
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## #331 JW BRENDLE DRAIN OAK TREE ARM

Printing Date: 10/28/2016  
 Prepared By: Suzanne Mills, GISP  
 Hamilton County Surveyor's Office  
 One Hamilton County Square, Ste 18E  
 Noblesville, IN 46060  
 317-776-8495







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